

**Amendments to the claims**

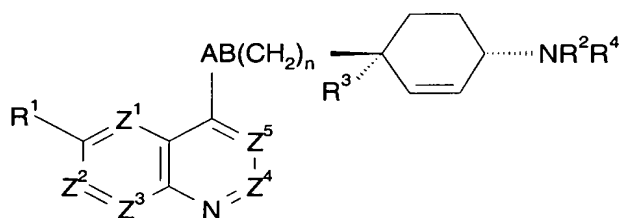
This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-14 (cancelled).

**Claims**

**What is claimed is:**

15. (New) A compound of formula (I) or a pharmaceutically acceptable derivative thereof:



(I)

wherein:

one of Z<sup>1</sup>, Z<sup>2</sup>, Z<sup>3</sup>, Z<sup>4</sup> and Z<sup>5</sup> is N, one is CR<sup>1a</sup> and the remainder are CH, or one of Z<sup>1</sup>, Z<sup>2</sup>, Z<sup>3</sup>, Z<sup>4</sup> and Z<sup>5</sup> is CR<sup>1a</sup> and the remainder are CH;

R<sup>1</sup> and R<sup>1a</sup> are independently selected from hydrogen; hydroxy; (C<sub>1-6</sub>) alkoxy optionally substituted by (C<sub>1-6</sub>)alkoxy, amino, piperidyl, guanidino or amidino any of which is optionally N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyoxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>1-6</sub>)alkoxy-substituted (C<sub>1-6</sub>)alkyl; halogen; (C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylthio; trifluoromethyl; nitro; azido; acyl; acyloxy; acylthio; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>1-6</sub>)alkylsulphoxide; arylsulphonyl; arylsulphoxide or an amino, piperidyl, guanidino or amidino group optionally N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups, or when Z<sup>1</sup> is CR<sup>1a</sup>, R<sup>1</sup> and R<sup>1a</sup> may together represent (C<sub>1-2</sub>)alkylenedioxy, or when Z<sup>5</sup> is CR<sup>1a</sup>, R<sup>1a</sup> may instead be, cyano, hydroxymethyl or carboxy, provided that when Z<sup>1</sup>, Z<sup>2</sup>, Z<sup>3</sup>, Z<sup>4</sup> and Z<sup>5</sup> are CR<sup>1a</sup> or CH, then R<sup>1</sup> is not hydrogen;

R<sup>2</sup> is hydrogen, or (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl optionally substituted with 1 to 3 groups selected from:

amino optionally substituted by one or two (C<sub>1-4</sub>)alkyl groups; carboxy; (C<sub>1-4</sub>)alkoxycarbonyl; (C<sub>1-4</sub>)alkylcarbonyl; (C<sub>2-4</sub>)alkenyloxycarbonyl; (C<sub>2-4</sub>)alkenylcarbonyl; aminocarbonyl wherein the amino group is optionally substituted by hydroxy, (C<sub>1-4</sub>)alkyl, hydroxy(C<sub>1-4</sub>)alkyl, aminocarbonyl(C<sub>1-4</sub>)alkyl, (C<sub>2-4</sub>)alkenyl, (C<sub>1-4</sub>)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2-4</sub>)alkenylsulphonyl, (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl, (C<sub>2-4</sub>)alkenyloxycarbonyl or (C<sub>2-4</sub>)alkenylcarbonyl; cyano; tetrazolyl; 2-oxo-oxazolidinyl optionally substituted by R<sup>10</sup>; 3-hydroxy-3-cyclobutene-1,2-dione-4-yl; 2,4-thiazolidinedione-5-yl; tetrazol-5-ylaminocarbonyl; 1,2,4-triazol-5-yl optionally substituted by R<sup>10</sup>; 5-oxo-1,2,4-oxadiazol-3-yl; halogen; (C<sub>1-4</sub>)alkylthio; trifluoromethyl; hydroxy optionally substituted by (C<sub>1-4</sub>)alkyl, (C<sub>2-4</sub>)alkenyl, (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl, (C<sub>2-4</sub>)alkenyloxycarbonyl, (C<sub>2-4</sub>)alkenylcarbonyl; oxo; (C<sub>1-4</sub>)alkylsulphonyl; (C<sub>2-4</sub>)alkenylsulphonyl; or (C<sub>1-4</sub>)aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl;

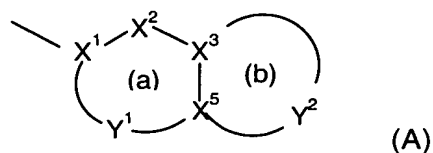
R<sup>3</sup> is hydroxy optionally substituted by (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylcarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl;

R<sup>10</sup> is selected from (C<sub>1-4</sub>)alkyl and (C<sub>2-4</sub>)alkenyl either of which may be optionally substituted by a group R<sup>12</sup> as defined above; carboxy; aminocarbonyl wherein the amino group is optionally substituted by hydroxy, (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2-6</sub>)alkenylsulphonyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl and optionally further substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; (C<sub>1-6</sub>)alkylsulphonyl; trifluoromethylsulphonyl; (C<sub>2-6</sub>)alkenylsulphonyl; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>1-6</sub>)alkylcarbonyl; (C<sub>2-6</sub>)alkenyloxycarbonyl; and (C<sub>2-6</sub>)alkenylcarbonyl;

R<sup>4</sup> is a group -CH<sub>2</sub>-R<sup>5</sup><sub>1</sub> in which R<sup>5</sup><sub>1</sub> is selected from:

(C<sub>4-8</sub>)alkyl; hydroxy(C<sub>4-8</sub>)alkyl; (C<sub>1-4</sub>)alkoxy(C<sub>4-8</sub>)alkyl; (C<sub>1-4</sub>)alkanoyloxy(C<sub>4-8</sub>)alkyl; (C<sub>3-8</sub>)cycloalkyl(C<sub>4-8</sub>)alkyl; hydroxy-, (C<sub>1-6</sub>)alkoxy- or (C<sub>1-6</sub>)alkanoyloxy-(C<sub>3-8</sub>)cycloalkyl(C<sub>4-8</sub>)alkyl; cyano(C<sub>4-8</sub>)alkyl; (C<sub>4-8</sub>)alkenyl; (C<sub>4-8</sub>)alkynyl; tetrahydrofuryl; mono- or di-(C<sub>1-6</sub>)alkylamino(C<sub>4-8</sub>)alkyl; acylamino(C<sub>4-8</sub>)alkyl; (C<sub>1-6</sub>)alkyl- or acyl-aminocarbonyl(C<sub>4-8</sub>)alkyl; mono- or di-(C<sub>1-6</sub>)alkylamino(hydroxy) (C<sub>4-8</sub>)alkyl; or

R<sup>4</sup> is a group –U-R<sup>5</sup><sub>2</sub> where R<sup>5</sup><sub>2</sub> is an optionally substituted bicyclic carbocyclic or heterocyclic ring system (A):



containing up to four heteroatoms in each ring in which

at least one of rings (a) and (b) is aromatic;

X<sup>1</sup> is C or N when part of an aromatic ring or CR<sup>14</sup> when part of a non aromatic ring;

X<sup>2</sup> is N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO or CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may in addition be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring;

X<sup>3</sup> and X<sup>5</sup> are independently N or C;

Y<sup>1</sup> is a 0 to 4 atom linker group each atom of which is independently selected from N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO and CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may additionally be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring,

Y<sup>2</sup> is a 2 to 6 atom linker group, each atom of Y<sup>2</sup> being independently selected from N, NR<sup>13</sup>, O, S(O)<sub>x</sub>, CO and CR<sup>14</sup> when part of an aromatic or non-aromatic ring or may additionally be CR<sup>14</sup>R<sup>15</sup> when part of a non aromatic ring; each of R<sup>14</sup> and R<sup>15</sup> is independently selected from: H; (C<sub>1-4</sub>)alkylthio; halo; carboxy(C<sub>1-4</sub>)alkyl; halo(C<sub>1-4</sub>)alkoxy; halo(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkyl; (C<sub>2-4</sub>)alkenyl; (C<sub>1-4</sub>)alkoxycarbonyl; formyl; (C<sub>1-4</sub>)alkylcarbonyl; (C<sub>2-4</sub>)alkenyloxycarbonyl; (C<sub>2-4</sub>)alkenylcarbonyl; (C<sub>1-4</sub>)alkylcarbonyloxy; (C<sub>1-4</sub>)alkoxycarbonyl(C<sub>1-4</sub>)alkyl; hydroxy; hydroxy(C<sub>1-4</sub>)alkyl; mercapto(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkoxy; nitro; cyano; carboxy; amino or aminocarbonyl optionally substituted as for corresponding substituents in R<sup>3</sup>; (C<sub>1-4</sub>)alkylsulphonyl; (C<sub>2-4</sub>)alkenylsulphonyl; or aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl; aryl; aryl(C<sub>1-4</sub>)alkyl; aryl(C<sub>1-4</sub>)alkoxy;

each R<sup>13</sup> is independently H; trifluoromethyl; (C<sub>1-4</sub>)alkyl optionally substituted by hydroxy, carboxy, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkoxy, (C<sub>1-6</sub>)alkylthio, halo or trifluoromethyl; (C<sub>2-4</sub>)alkenyl; aryl; aryl (C<sub>1-4</sub>)alkyl; arylcarbonyl; heteroarylcarbonyl; (C<sub>1-4</sub>)alkoxycarbonyl; (C<sub>1-4</sub>)alkylcarbonyl; formyl; (C<sub>1-6</sub>)alkylsulphonyl; or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl, (C<sub>2-4</sub>)alkenyloxycarbonyl, (C<sub>2-4</sub>)alkenylcarbonyl, (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl and optionally further substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl;

each x is independently 0, 1 or 2;

U is CO, SO<sub>2</sub> or CH<sub>2</sub>; or

R<sup>4</sup> is a group -X<sup>1a</sup>-X<sup>2a</sup>-X<sup>3a</sup>-X<sup>4a</sup> in which:

X<sup>1a</sup> is CH<sub>2</sub>, CO or SO<sub>2</sub>;

X<sup>2a</sup> is CR<sup>14a</sup>R<sup>15a</sup>;

X<sup>3a</sup> is NR<sup>13a</sup>, O, S, SO<sub>2</sub> or CR<sup>14a</sup>R<sup>15a</sup>; wherein:

each of R<sup>14a</sup> and R<sup>15a</sup> is independently selected from the groups listed above for R<sup>14</sup> and R<sup>15</sup>, provided that R<sup>14a</sup> and R<sup>15a</sup> on the same carbon atom are not both selected from optionally substituted hydroxy and optionally substituted amino; or

R<sup>14a</sup> and R<sup>15a</sup> together represent oxo;

R<sup>13a</sup> is hydrogen; trifluoromethyl; (C<sub>1-6</sub>)alkyl; (C<sub>2-6</sub>)alkenyl; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>1-6</sub>)alkylcarbonyl; or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl, (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl and optionally further substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; or

two R<sup>14a</sup> groups or an R<sup>13a</sup> and an R<sup>14a</sup> group on adjacent atoms together represent a bond and the remaining R<sup>13a</sup>, R<sup>14a</sup> and R<sup>15a</sup> groups are as above defined; or

two R<sup>14a</sup> groups and two R<sup>15a</sup> groups on adjacent atoms together represent bonds such that X<sup>2a</sup> and X<sup>3a</sup> is triple bonded;

X<sup>4a</sup> is phenyl or C or N linked monocyclic aromatic 5- or 6-membered heterocycle containing up to four heteroatoms selected from O, S and N and: optionally C-substituted by up to three groups selected from (C<sub>1-4</sub>)alkylthio; halo; carboxy(C<sub>1-4</sub>)alkyl; halo(C<sub>1-4</sub>)alkoxy; halo(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkyl; (C<sub>2-4</sub>)alkenyl; (C<sub>1-4</sub>)alkoxycarbonyl; formyl; (C<sub>1-4</sub>)alkylcarbonyl; (C<sub>2-4</sub>)alkenyloxycarbonyl; (C<sub>2-4</sub>)alkenylcarbonyl; (C<sub>1-4</sub>)alkylcarbonyloxy; (C<sub>1-4</sub>)alkoxycarbonyl(C<sub>1-4</sub>)alkyl; hydroxy; hydroxy(C<sub>1-4</sub>)alkyl; mercapto(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkoxy; nitro; cyano; carboxy; amino or aminocarbonyl optionally substituted as for corresponding substituents in R<sup>3</sup>; (C<sub>1-4</sub>)alkylsulphonyl; (C<sub>2-4</sub>)alkenylsulphonyl; or aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl; aryl, aryl(C<sub>1-4</sub>)alkyl or aryl(C<sub>1-4</sub>)alkoxy; and optionally N substituted by trifluoromethyl; (C<sub>1-4</sub>)alkyl optionally substituted by hydroxy, (C<sub>1-6</sub>)alkoxy, (C<sub>1-6</sub>)alkylthio, halo or trifluoromethyl; (C<sub>2-4</sub>)alkenyl; aryl; aryl(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkoxycarbonyl; (C<sub>1-4</sub>)alkylcarbonyl; formyl; (C<sub>1-6</sub>)alkylsulphonyl; or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl, (C<sub>2-4</sub>)alkenyloxycarbonyl, (C<sub>2-4</sub>)alkenylcarbonyl, (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl and optionally further substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl;

n is 0 or 1 and AB is NR<sup>11</sup>CO, CONR<sup>11</sup>, CO-CR<sup>8</sup>R<sup>9</sup>, CR<sup>6</sup>R<sup>7</sup>-CO, O-CR<sup>8</sup>R<sup>9</sup>, CR<sup>6</sup>R<sup>7</sup>-O, NHR<sup>11</sup>-CR<sup>8</sup>R<sup>9</sup>, CR<sup>6</sup>R<sup>7</sup>-NHR<sup>11</sup>, NR<sup>11</sup>SO<sub>2</sub>, CR<sup>6</sup>R<sup>7</sup>-SO<sub>2</sub> or CR<sup>6</sup>R<sup>7</sup>-CR<sup>8</sup>R<sup>9</sup>,

provided that n=0, B is not NR<sup>11</sup>, O or SO<sub>2</sub>,

and provided that R<sup>6</sup> and R<sup>7</sup>, and R<sup>8</sup> and R<sup>9</sup> are not both optionally substituted hydroxy or amino;

and wherein:

each of R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup> is independently selected from: H; (C<sub>1-6</sub>)alkoxy; (C<sub>1-6</sub>)alkylthio; halo; trifluoromethyl; azido; (C<sub>1-6</sub>)alkyl; (C<sub>2-6</sub>)alkenyl; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>1-6</sub>)alkylcarbonyl; (C<sub>2-6</sub>)alkenyloxycarbonyl; (C<sub>2-6</sub>)alkenylcarbonyl; hydroxy, amino or aminocarbonyl optionally substituted as for corresponding substituents in R<sup>3</sup>; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>2-6</sub>)alkenylsulphonyl; or (C<sub>1-6</sub>)aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl;

or R<sup>6</sup> and R<sup>8</sup> together represent a bond and R<sup>7</sup> and R<sup>9</sup> are as above defined;

in optionally substituted amino the amino group is optionally mono- or disubstituted by (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl, (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylsulphonyl, (C<sub>2-6</sub>)alkenylsulphonyl or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl;

in optionally substituted aminocarbonyl the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl and optionally further substituted by (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl;

and each R<sup>11</sup> is independently H; trifluoromethyl; (C<sub>1-6</sub>)alkyl; (C<sub>2-6</sub>)alkenyl; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>1-6</sub>)alkylcarbonyl; or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl, (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl and optionally further substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl;

or where one of R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> or R<sup>9</sup> contains a carboxy group they may together with R<sup>3</sup> form a cyclic ester linkage.

16. (New) A compound according to claim 15 wherein Z<sup>5</sup> is CH, Z<sup>3</sup> is CH or CF, Z<sup>1</sup> is CH or C-OCH<sub>3</sub> and Z<sup>2</sup> and Z<sup>4</sup> are each CH, or Z<sup>1</sup> is N, Z<sup>3</sup> is CH or CF and Z<sup>2</sup>, Z<sup>4</sup> and Z<sup>5</sup> are each CH

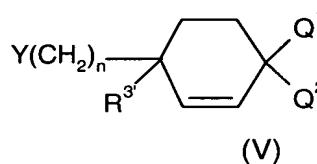
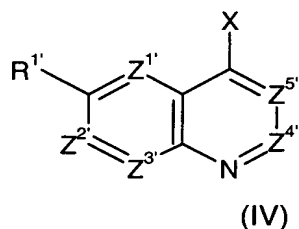
17. (New) A compound according to claim 15 wherein  $R^1$  is methoxy or fluoro and  $R^{1a}$  is H or when  $Z^3$  is  $CR^{1a}$  it may be C-F.
18. (New) A compound according to claim 15 wherein  $R^2$  is hydrogen.
19. (New) A compound according to claim 15 wherein  $R^3$  is hydroxy.
20. (New) A compound according to claim 15 wherein n is 0 and either A is CHOH or  $CH_2$  and B is  $CH_2$  or A is NH and B is CO, and  $AB(CH_2)_n$  and  $NR^2R^4$  are trans.
21. (New) A compound according to claim 15 wherein  $R^4$  is  $-U-R^5_2$ , the group  $-U-$  is  $-CH_2-$ , and  $R^5_2$  is an aromatic heterocyclic ring (A) having 8-11 ring atoms including 2-4 heteroatoms of which at least one is N or  $NR^{13}$  or the heterocyclic ring (A) has ring (a) aromatic selected from optionally substituted benzo and pyrido and ring (b) non-aromatic and  $Y^2$  has 3-5 atoms including  $NR^{13}$ , O or S bonded to  $X^5$  and NHCO bonded via N to  $X^3$ , or O bonded to  $X^3$ .
22. (New) A compound according to claim 15 wherein  $R^5_2$  is selected from:  
benzo[1,2,5]thiadiazol-5-yl  
4H-benzo[1,4]thiazin-3-one-6-yl  
2,3-dihydro-benzo[1,4]dioxin-6-yl  
benzo[1,2,3]thiadiazol-5-yl  
3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl  
7-fluoro-3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-6-yl  
2-oxo-2,3-dihydro-1H-pyrido[2,3-b][1,4]thiazin-7-yl  
2,3-dihydro-[1,4]dioxino[2,3-c]pyridin-7-yl  
3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]oxazin-6-yl  
[1,2,3]thiadiazolo[5,4-b]pyridin-6-yl  
3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl  
7-chloro-3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl  
7-fluoro-3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl  
2-oxo-2,3-dihydro-1H-pyrido[3,4-b][1,4]thiazin-7-yl.
23. (New) A compound selected from:  
(1*R*,4*S*)-1-Hydroxy-4-[(3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-ylmethyl)-amino]-cyclohex-2-enecarboxylic acid (6-methoxy-[1,5]naphthyridin-4-yl)-amide and  
(1*S*,4*R*)-1-Hydroxy-4-[(3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-ylmethyl)-amino]-cyclohex-2-enecarboxylic acid (6-methoxy-[1,5]naphthyridin-4-yl)-amide

(1*R*,4*S*)-1-Hydroxy-4-[(3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]oxazin-6-ylmethyl)-amino]-cyclohex-2-enecarboxylic acid (6-methoxy-[1,5]naphthyridin-4-yl)-amide and (1*S*,4*R*)-1-Hydroxy-4-[(3-oxo-3,4-dihydro-2*H*-pyrido[3,2-*b*][1,4]oxazin-6-ylmethyl)-amino]-cyclohex-2-enecarboxylic acid (6-methoxy-[1,5]naphthyridin-4-yl)-amide 1-Hydroxy-*t*-4-[(2,3-dihydro[1,4]dioxino[2,3-*c*]pyridine-7-ylmethyl)-amino]-*r*-cyclohex-2-enecarboxylic acid (6-methoxy-[1,5]naphthyridin-4-yl)-amide (*E*2 isomer) or a pharmaceutically acceptable derivative thereof.

24. (New) A method of treatment of bacterial infections in mammals, particularly in man, which method comprises the administration to a mammal in need of such treatment an effective amount of a compound according to claim 15.

25. (New) A pharmaceutical composition comprising a compound according to claim 15, and a pharmaceutically acceptable carrier.

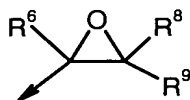
26. (New) A process for preparing a compound according to claim 15, which process comprises reacting a compound of formula (IV) with a compound of formula (V):



wherein *n* is as defined in formula (I); Z<sup>1'</sup>, Z<sup>2'</sup>, Z<sup>3'</sup>, Z<sup>4'</sup>, Z<sup>5'</sup>, R<sup>1'</sup> and R<sup>3'</sup> are Z<sup>1</sup>, Z<sup>2</sup>, Z<sup>3</sup>, Z<sup>4</sup>, Z<sup>5</sup>, R<sup>1</sup> and R<sup>3</sup> as defined in formula (I) or groups convertible thereto; Q<sup>1</sup> is NR<sup>2'</sup>R<sup>4'</sup> or a group convertible thereto wherein R<sup>2'</sup> and R<sup>4'</sup> are R<sup>2</sup> and R<sup>4</sup> as defined in formula (I) or groups convertible thereto and Q<sup>2</sup> is H or R<sup>3'</sup> or Q<sup>1</sup> and Q<sup>2</sup> together form an optionally protected oxo group; and X and Y may be the following combinations:

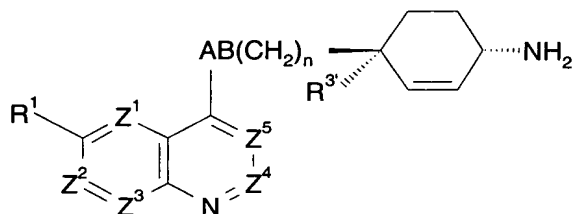
- (i) one of X and Y is CO<sub>2</sub>R<sup>Y</sup> and the other is CH<sub>2</sub>CO<sub>2</sub>R<sup>X</sup>;
- (ii) X is CHR<sup>6</sup>R<sup>7</sup> and Y is C(=O)R<sup>9</sup>;
- (iii) X is CR<sup>7</sup>=PR<sup>Z<sub>3</sub></sup> and Y is C(=O)R<sup>9</sup>;
- (iv) X is C(=O)R<sup>7</sup> and Y is CR<sup>9</sup>=PR<sup>Z<sub>3</sub></sup>;
- (v) one of Y and X is COW and the other is NHR<sup>11'</sup>;
- (vi) X is NHR<sup>11'</sup> and Y is C(=O)R<sup>8</sup> or X is C(=O)R<sup>6</sup> and Y is NHR<sup>11'</sup>;
- (vii) X is NHR<sup>11'</sup> and Y is CR<sup>8</sup>R<sup>9</sup>W;
- (viii) X is W or OH and Y is CH<sub>2</sub>OH;
- (ix) X is NHR<sup>11'</sup> and Y is SO<sub>2</sub>W;

- (x) one of X and Y is  $(\text{CH}_2)_p\text{-W}$  and the other is  $(\text{CH}_2)_q\text{NHR}^{11'}$ ,  $(\text{CH}_2)_q\text{OH}$ ,  $(\text{CH}_2)_q\text{SH}$  or  $(\text{CH}_2)_q\text{SCOR}^X$  where  $p+q=1$ ;
  - (xi) one of X and Y is OH and the other is  $-\text{CH}=\text{N}_2$ ;
  - (xii) X is W and Y is  $\text{CONHR}^{11'}$ ;
  - (xiii) X is W and Y is  $-\text{C}\equiv\text{CH}$  followed by selective reduction of the intermediate  $-\text{C}\equiv\text{C}-$  group;
- in which W is a leaving group, e.g. halo or imidazolyl;  $\text{R}^X$  and  $\text{R}^Y$  are  $(\text{C}_{1-6})$ alkyl;  $\text{R}^Z$  is aryl or  $(\text{C}_{1-6})$ alkyl;  $\text{A}'$  and  $\text{NR}^{11'}$  are A and  $\text{NR}^{11}$  as defined in formula (I), or groups convertible thereto; and oxirane is:



wherein  $\text{R}^6$ ,  $\text{R}^8$  and  $\text{R}^9$  are as defined in formula (I);  
 and thereafter optionally or as necessary converting  $\text{Q}^1$  and  $\text{Q}^2$  to  $\text{NR}^{2'}\text{R}^{4'}$ ;  
 converting  $\text{A}'$ ,  $\text{Z}^{1'}$ ,  $\text{Z}^{2'}$ ,  $\text{Z}^{3'}$ ,  $\text{Z}^{4'}$ ,  $\text{Z}^{5'}$ ,  $\text{R}^{1'}$ ,  $\text{R}^{2'}$ ,  $\text{R}^{3'}$ ,  $\text{R}^{4'}$  and  $\text{NR}^{11'}$  to A,  $\text{Z}^1$ ,  $\text{Z}^2$ ,  $\text{Z}^3$ ,  $\text{Z}^4$ ,  $\text{Z}^5$ ,  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$  and  $\text{NR}^{11'}$ ; converting A-B to other A-B, interconverting  $\text{R}^V$ ,  $\text{R}^W$ ,  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$  and/or  $\text{R}^4$ , and/or forming a pharmaceutically acceptable derivative thereof.

27. (New) A compound of formula (VII):



wherein the variables are as described for formula (I) in claim 15.